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NEW DELHI, SATURDAY, JANUARY 24, 1970 (MAGHA 4, 1891)

इस भाग में भिन्न पृष्ठ संख्या वी जाती है जिससे कि यह धारण संकलन के रूप में रखा जा सके
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III—खण्ड 2

PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित प्रष्टसूचनाएं और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE

Patents and Designs

Calcutta, the 24th January 1970

Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

3rd January 1970

124707. W. S. Bowers. Process of preparing methylenedioxy-benzylxy and -phenoxy ethers and uses thereof.
124708. Farbenfabriken Bayer Aktiengesellschaft. A process for the production of allylidene diacetate.
124709. L. Bagnulo. Electrically insulating joint for metallic pipe lines.
124710. L. Bagnulo. Prefabricated electrically insulating joint for metallic pipe lines.
124711. International Standard Electric Corporation. Method and device for punching of material.
124712. International Standard Electric Corporation. Synchronisation system.
124713. International Standard Electric Corporation. Frame synchronisation system.
124714. Merck & Co., Inc. Fermentation process.
124715. Zaklady Cynkowe "Silesia". Equipment for zinc and cadmium rectifying columns.
124716. F. Hoffmann-La Roche & Co., Aktiengesellschaft. 19-homo steroids.
124717. Ciba Limited. New diglycidyl derivatives of compounds containing two n-heterocyclic rings, processes for their manufacture and use.
124718. Hindustan Chains (P) Ltd. Improvements in or relating to filter for water or the like liquids.

5th January 1970

124719. A. Sen & Mrs. Manjula Sen. Relating to circuit arrangements for illuminating neon signs, glow signs and all other electrically illuminated advertising and/or display media on surface transport of all types and descriptions and/or stationary objects.
124720. S. Kannan. Improvement in or relating to the conventional engineering drafting machine.
124721. H. D. Hudson Manufacturing Company. Improvements in or relating to gas-fired burner assembly.
124722. G. Naderer and R. Singh. Novel process for making prestressed concrete products.
124723. B. Rustomjee. Reinforced concrete shoe for use in pile driving.
124724. International Standard Electric Corporation. Oscillator arrangement.
124725. Shinwa Sangyo Co., Ltd., A cooling tower.
124726. Glanzstoff A. G. Production of cord. (5th November 1969).
124727. The Singer Company. Treadle support for sewing machine drive.
124728. The Dunlop Company Limited. Thermal Treatment of plastics materials. (6th July 1967). [Divisional date 2nd July 1968].
124729. Joseph Lucas (Industries) Limited. Spark ignition systems. (10th January 1969).
124730. The Dunlop Company Limited. Hydraulic dampers.
124731. The Dunlop Company Limited. Polymer compositions.
124732. K. K. Abraham. Improvements in or relating to washing machines.

124733. M. G. Paranjpe. Improvements in or relating to D. C. motors.
 124734. G. V. V. Sitaramanjaneyulu. Improvements in or relating to alternators.
 124735. L. G. Rao Engineering Bureau. Improvements in or relating to pulverisation of mica.

6th January 1970

124736. J. R. Geigy A. G. Elixirs with acid addition salts of therapeutically applicable organic bases as active substances.
 124737. Solvay Et Cie. Process and catalysts for the polymerisation and copolymerisation of olefins. (6th January 1969).
 124738. K. Nagarajan. Indicator to indicate the reserve gas left in a domestic gas cylinder.
 124739. Sandoz Ltd. Improvements in or relating to organic compounds. (8th January 1969).
 124740. Sandoz Ltd. Improvements in or relating to organic compounds. (8th January 1969).
 124741. Laporte Industries Limited. Improvements in and relating to the treatment of pigments. (14th January 1969).
 124742. Merck & Co., Inc. Inducers of interferon.
 124743. Merck & Co., Inc. Preparation of antibiotics.
 124744. Leesona Corporation. Apparatus for spinning, twisting or plying yarn. [Divisional date 11th July 1968].
 124745. Inventa A. G. Fur Forschung Und Patentverwertung. Process and apparatus for the continuous production of polyamides and polyesters.
 124746. Sumitomo Chemical Co., Ltd. Novel oxazolidine derivatives and anti-microbial compositions containing the same.

7th January 1970

124747. Norton Company. Particulate abrasive.
 124748. Bau-Stahlgewebe G.M.B.H. A method of, and apparatus for, making mats or grids of steel rods.
 124749. Laporte Industries Limited. Improvements in and relating to fluidised bed reactors. (17th January 1969).
 124750. Dr. C. Otto & Comp. G.m.b.H. Horizontal underjet regenerative oven.
 124751. National Research Development Corporation. Improvements relating to welding apparatus. (8th March 1968). [Divisional date 31st July 1968].
 124752. E. J. Treanor. Closures for bottles and other containers. (7th January 1969).
 124753. The Goodyear Tire & Rubber Company. Improvements in pneumatic tire.
 124754. W. P. Nail. Inflatable load supporting structures. (9th January 1969).
 124755. Clupak, Inc. Compacting apparatus. (12th August 1969).
 124756. Joseph Lucas (Industries) Limited. Windscreen wiper motors. (17th January 1969).

8th January 1970

124757. Council of Scientific and Industrial Research. A new dust formulation for the protection of stored grains from insect infestation.
 124758. Council of Scientific and Industrial Research. Improvements in or relating to mechanical integrator.
 124759. V. N. Bhaskar. Magna carbide scriber.
 124760. V. N. Bhaskar. Magna tester.
 124761. V. N. Bhaskar. Magna gas torch.
 124762. Shriram Refrigeration Industries Ltd. A unitised air conditioning system for railways.
 124763. S. K. Mainro, Patakliip. (Bolt fastener),

124764. M. J. Rao Screw type under-reamer(s).
 124765. D. K. Dhand. Air coolers for cars.
 124766. A. Rangarajan, V. C. Menon, The Andhra Sugars Limited and Chemech Engineers Private Limited. Continuous manufacture of ethyl acetate.
 124767. N. V. Philips Gloeilampenfabrieken. Voltage-dependent resistors.
 124768. Turner Brothers Asbestos Company Limited. Treatment of asbestos. (10th January 1969).
 124769. K. D. Bradbury. Apparatus for pulling out plants sown in rows.

9th January 1970

124770. (Mrs.) Lydia Meenakshi Paul and J. Selvaraj. An improved suction apparatus.
 124771. Montecatini Edison S.p.A. Catalysts for the polymerization of olefines.
 124772. Ciba Limited. Process for the protection of carboxyl groups.
 124773. The Upjohn Company. Novel methods for producing PGE_1 , $\text{PGE}_{1\alpha}$, PGE_β , PGA_1 and the novel analogs thereof, and to novel chemical intermediates. [Divisional date 12th August 1968].
 124774. British Railways Board. Improvements relating to overhead electric supply systems for vehicles. (15th January 1969).
 124775. L. Givaudan & Cie Societe Anonyme. Fixatives. [Divisional date 1st November 1968].
 124776. Siemens Aktiengesellschaft. A helical flow vortex separators. [Addition to No. 115475]. [Divisional date 17th April 1968].
 124777. Veb Arzneimittelwerk Dresden. Injection syringes.
 124778. White Consolidated Industries, Inc. Ice maker.
 124779. Joseph Lucas (Industries) Limited. Full wave rectifier assemblies. (13th January 1969).
 124780. Joseph Lucas (Industries) Limited. Dynamo-electric machines. (13th January 1969).
 124781. Joseph Lucas (Industries) Limited. Dynamo electric machines. (13th January 1969).
 124782. A. Vaithianathan. Improvements in or relating to propelling mechanism of bicycles, tricycles, cycle-rickshaws, cycle delivery vans or like pedal propelled vehicles.

Alteration of Date

115214. The claim to priority date 5th April 1967 has been abandoned and the application dated as of 1st April 1968, the date of filing in India.
 123803. Ante-dated to 4th April 1968 under Section 5 of the Act.
 124476. Ante-dated to 18th March 1968 under Section 5 of the Act.

Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patents office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933 of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the number of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

11520. American Cyanamid Company. Novel bis-N-phosphorilated compounds methods for their preparation and compositions containing same. Accepted on 18th December 1969.
Comprises reacting an isothiocyanate with either an alkali metal hydrosulfide or an alkali metal salt of an alkylene dithiol.
11519. J. Morita. Bacterial insecticide for killing flies. Accepted on 22nd December 1969.
Bacterial insecticide for killing flies which comprises, as the effective ingredient, viable spore of bacillus mortai and also comprises a conventional carrier.
11520. Council of Scientific and Industrial Research. An improved tanning process for upper leathers using chromium and zirconium salts. Accepted on 30th December 1969.
Characterized in that sodium zirconium silicate is used and further characterised in that zirconium sulphate is added to the bath for hydrolysing the sodium zirconium silicate.
11521. Joseph Lucas (Industries) Limited. Machines for forming windings for use in dynamo electric machines. Accepted on 31st December 1969.
Including a forming station having two sets of fingers engageable with axial ends of a helically wound coil of a conductive strip and means for moving said fingers to bend the coil to form wave wound winding and for returning the fingers to original position.
11525. N. C. Saksena and O. P. Jain. A remote control shotcreting machine for use in tunnel construction. Accepted on 3rd January 1970.
Comprising a boom attached to a main shaft having a piston wheel attachment to rotate the boom said attachment comprising two spur gears connected to a piston cylinder arrangement run by compressed air to operate a spraying nozzle fixed at the end of the boom and a motor operated worm and wormwheel attachment to drive the main shaft.
11529. N. V. Hollandsche Draad-en Kabelfabriek. Method of, and apparatus for use in foaming material in a porous foamed mass. (12th April 1967). Accepted on 3rd January 1970.
Comprising a moving conveying trough with feed means for feeding a foamable mass into said trough, and guide means at each side of the trough around which a moving web may pass to engage each side of the foamable mass as it foams, each guide means defining a straight edge over which the web is folded and lying at an angle.
11530. The Industrial Machinery Manufacturers Private Limited. Mobile cleaning equipment for textile and other machinery. Accepted on 5th January 1970.
The working of blower and its to-and-fro movement are effected by a drive unit consisting of flat belting pulleys and an electric motor.
11530. Gould National Batteries Inc. Improvements in or relating to two piece connector terminals for storage batteries. Accepted on 6th January 1970.
Comprising a male lug portion containing an extension passing through an opening in the outer wall into force-fit engagement with female lug portion, the lug portion outside the outer wall containing means for connection to utilisation devices, and that within the outer wall, attached to battery electrodes.
115314. Ciba Limited. Process for the development of photographic silver images and images produced thereby. Accepted on 6th January 1970.
Comprises liberating silver from the silver salt in an acid medium in the presence of a developer which is a reduction product of 1, 4 diazine compound.
115320. Ventron Corporation. A method of dyeing a porous substrate. Accepted on 3rd January 1970.
Impregnating the porous substrate with a solution or dispersion of the dyestuff while the substrate is in a state substantially freed from air by the application of a vacuum.
115379. G. D. Societa in Accomandita Semplice di Enzo Seragnoli e Ariosto Seragnoli. A device for intermittent transfer of batches of cigarettes arranged in side-by-side. Accepted on 5th January 1970.
Comprises a wheel with radial pincers having a first and a second jaw, means capable of rotating said wheel, means capable of cyclically separating said jaws, pusher means being provided for the introduction of the cigarettes.
115384. G. D. Societa in Accomandita Semplice di Enzo Seragnoli e Ariosto Seragnoli. An apparatus for the distribution of package blanks to a group of cigarettes. Accepted on 5th January 1970.
Comprising a loading hopper, mobile interception means blanks, a glue reservoir and a roller immersed in said reservoir.
115413. USM Corporation, formerly known as United Shoe Machinery Corporation. Improvements in low explosive primerless formed charges. Accepted on 5th January 1970.
Characterized in that the material has a density less than 1.6 gm cm³.
115476. The Battelle Development Corporation. Refrigerating system for refrigeration units. Accepted on 6th January 1970.
Characterised in that system is provided with a vapour and liquid circuit, liquid circuit provided between the low pressure space at the end of the evaporator and the beginning of the evaporator, vapour circuit leading from a source of vapour in the system towards the inlet of the evaporator and means provided which enable to adjust the quality of the refrigerant liquid vapour mixture at the beginning of the evaporator and the refrigerant mass flow rate.
115721. Ventron Corporation. Improved method of dyeing. Accepted on 5th January 1970.
Centrifuging the substrate impregnated with a solution or dispersion of the dyestuff whereby the bath ratio is shortened.
115853. Farbenfabriken Bayer Aktiengesellschaft. Anthraquinone reactive dyestuffs and process for the production thereof. Accepted on 3rd January 1970.
Reacting aminoanthraquinone compound with a fluorotriazine compound.
115948. Vsesojuzny Nauchno-Issledovatel'sky I proektno-Konstruktorsky Institut Elektroapparato. Automatic circuit breaker. Accepted on 6th January 1970.
Comprising a system of stationary contact by movable part stationary part contacts.
116046. Dynam Engineering Corporation. Improvement in or relating to speed recorder or indicator. Accepted on 24th November 1969.
Comprising a vibrating arm having a pointer or marker or indicator at one end and resiliently mounted at the other end a motor to impart vibration to the arm, and the impression making device below the pointer, marker or indicator.
116114. Imperial Chemical Industries Limited. Process for the preparation of non-protein nitrogenous compositions, compositions thus prepared and animal feeds, supplements or licks containing the same. (2nd June 1967). Accepted on 6th January 1970.
Comprises admixing a water soluble polymeric material and molten urea.

116306. Daikin Kogyo Co., Ltd. Seedling planting machine. Accepted on 11th December 1969.
The arrangement being such that the wheels are driven by the prime mover so as to produce a thrust force at the lug plates and floatingly proceeds on the mold.
116342. Institut Francais Du Petrole Des Carburants Et Lubrifiants. Process for selective crystallization by direct thermal exchange. Accepted on 12th December 1969.
By direct thermal exchange of a solution of at least two hydrocarbons with a cooling liquid immiscible with respect to said solution characterized by the use as cooling liquid of a liquid mixture containing at least water, an alcohol and a polyalcohol.
116536. N. V. Philips Gloeilampenfabrieken. Method of manufacturing a semiconductor device comprising a zener diode and semiconductor device manufactured by said method. Accepted on 27th December 1969.
Comprising a zener diode in which two impurities are diffused into a semiconductor body to form two adjacent diffused zones of opposite conductivity types,
116578. Toyo Rayon Co., Ltd. Nylon filaments for tyre cord and method for manufacturing the same. Accepted on 1st January 1970.
Characterised in that the relation between a position and strength of interference points of X-ray low-angle interference image is given by predetermined factors.
116585. N. V. Philips Gloeilampenfabrieken. Method of manufacturing a semiconductor device and semiconductor devices manufactured by said method. Accepted on 1st January 1970.
Comprising a substrate of opposite conductivity type on which an epitaxial surface layer composed of two adjacent layers of the one conductivity type is deposited which is divided into relatively insulated islands, in one of which is lands, a transistor is arranged.
116586. N. V. Philips Gloeilampenfabrieken. Method of manufacturing a semiconductor device comprising a field-effect transistor and semiconductor device manufactured by said method. Accepted on 1st January 1970.
Comprising a substrate to which epitaxial layer of one conductivity type is applied, said epitaxial layer being divided into relatively insulated islands, in at least one of which a field effect transistor having a channel zone.
116602. E. I. du Pont de Nemours and Company. 2-substituted pyrazoloisoindolones process for their preparation and compositions containing same. Accepted on 2nd January 1970.
Reacting phthalaldehydic acid with a ketone at 20—80°C and reacting the 3-substituted phthalide thus obtained with hydrazine; adding triethylamine, acidifying, cooling and diluting with water.
116619. Rohm and Haas Company. Cement Compositions. Accepted on 3rd January 1970.
Comprising a hydraulic cement, a dry polyvalent metal salt of a water dispersible polymer of monoethylenically unsaturated molecules comprising at least one α , β -monoethylenically unsaturated acid, said polymer having a second order transition temperature of at least 30°C.
116622. Farbenfabriken Bayer Aktiengesellschaft. A method for the manufacture of hydrochloric acid by regulating voltage and eliminating short circuits in cells for the electrolysis of alkali metal chlorides. Accepted on 3rd January 1970.
Comparing the cell voltage with a reference voltage wherein the reference voltage derived from a component unaffected by load and a component proportional to the electrolysis current.
116628. Vyzkumny Ustav Matematickyh Stroju. Speed correction in the linear interpolation method. Accepted on 3rd January 1970.
Comprising a speed stage formed by speed unit and a speed correction unit and selection stores.
116643. James Mackie & Sons Limited. Extrusion of synthetic plastics material. Accepted on 3rd January 1970.
Comprises an extrusion head and thrusting elements in the form of rotatable fluted cylinders, the longitudinal fluting channels of the cylinders confronting each other in respective pair to force the mass to move towards the extrusion head.
116650. Imperial Chemical Industries Limited. Herbicidal compositions and process for preparing the same. (10th July 1967). Accepted on 5th January 1970.
Complex comprising herbicidal bipyridylum quaternary salt with 1-4 molecular proportion of complexing agent comprising a compound having an aromatic or heterocyclic nucleus bearing one or more hydroxy amino or mercapto substituent.
116652. Lansing Bagnall Limited. Improvements in or relating to pedestrian operated industrial trucks. (6th July 1967). Accepted on 5th January 1970.
An industrial truck comprising a combined steering and control arm mounted on one end of the body portion, and direction and speed control means connected by a mechanical linkage to operator control means mounted on the control arm.
116663. S. Jain, C. Srimal and K. Parekh. A jug. Accepted on 5th January 1970.
A jug having at its outside a guide channel with a tapering section in cooperation with a removable handle having a projection of tapering section.
116670. International Standard Electric Corporation. Pulse circuit arrangement. Accepted on 5th January 1970.
Comprising an impedance matrix having two inputs, a resistor and a transistor.
116671. Larsen & Toubro Limited. A device for preventing damage to an electrical apparatus. Accepted on 5th January 1970.
Including an electromagnetic relay with its coil in series with an impedance presetting pick-up voltage and a normally closed first contact in parallel with second presetting drop off voltage impedance and a normally closed second and open third contact connected to the output terminals.
116691. J. N. Kronenberg. Direct-current machine. Accepted on 6th January 1970.
Characterised in that the total number of the pairs of poles of the system of excitation is a multiple of three, the poles constituting one part of the system of excitation being equal to a third of the total number of poles.
116694. The English Electric Company Limited. Improvements relating to electrical fuses. (31st July 1967). Accepted on 6th January 1970.
Comprising a striker pin in a cavity containing an explosive charge, having a ignition wire and a resilient collar about the pin sealing against the inner wall of the cavity.
116741. J. R. Geigy A. G. New disazo pigments processes for the production thereof and their use for the pigmentation of polymeric organic material. Accepted on 3rd January 1970.
Coupling two equivalents of the diazonium compound of 1-amino benzene-2,5 dicarboxylic acid esters with one equivalent of a coupling component obtained by condensing 2-hydroxy naphthalene-3-carboxylic acid with one equivalent of a diamino compound.

116742. J. R. Geigy A. G. Process for the production of diazo pigments and polymeric or ganic materials pigmented therewith. Accepted on 3rd January 1970.

Coupling two equivalents of diazonium compound of 1 aminobenzene 2 carboxylic acid ester with one equivalent of a coupling component obtained by condensing two equivalent of 2-hydroxynaphthalene-3-carboxylic acid with one equivalent of a diamino compound.

116804. T. Fukuoka. Improvement of sandal. Accepted on 3rd January 1970.

Comprising a body member and a bond member integrally and simultaneously molded of a synthetic resin material having a foamy interior and a non foamy integral outer portion.

116852. Shell Internationale Research Maatschappij N. V. Process and apparatus for making agglomerates from suspensions. (20th July 1967). Accepted on 5th January 1970.

In which the supply device for the suspension consists of a chamber inside the vessel, which chamber is bonded by a cylindrical surface and two terminal faces, the cylindrical surface being provided with openings, and one of the terminal faces being in communication with a tube for the supply of the suspension to the chamber.

117024. N. V. Philips Gloeilampenfabrieken. Filled welding wire for the electric arc welding in a protective gas atmosphere. Accepted on 6th January 1970.

Characterized in that the slag-forming constituents of the filling contain 0.40% by weight of zirconium dioxide and in addition mainly consist of zirconium silicate, potash feldspar and calcium carbonate.

117100. Shell Internationale Research Maatschappij N. V. Polypivalolactone yarn of high tenacity and low elongation and process for its manufacture. (7th August 1967). Accepted on 6th January 1970.

Polypivalolactone yarn having a tenacity of at least 5 g/den and an elongation of not more than 70%.

117116. The Firestone Tire & Rubber Company. A process for producing modified polystyrenes. Accepted on 3rd January 1970.

Polymerizing styrene in presence of a rubbery modifier.

117428. C. A. V. Limited. Liquid fuel pumping apparatus for supplying fuel to an internal combustion engine. Accepted on 3rd January 1970.

Comprising a bore, reciprocable plunger, outlet, spill path and a controlling valve for fuel.

117558. The Goodyear Tire & Rubber Company. Improvements in polyurethane polyvinylidene chloride composition. Accepted on 3rd January 1970.

An adhesive comprising a mixture of 5-50 parts of a PVC, which is soluble at 75°F to the extent of 5 to about 35 parts per hundred parts of methyl ethyl ketone, per 100 parts of a prepolymer formed by the reaction of polyester polyol (M. W. 300-6000) with sufficient organic polyisocyanate to give at least 0.5 to 10 per cent by weight of free isocyanate.

117590. Societe Des Accumulateurs Fixes Et De Traction. An apparatus for manufacturing cylindrical dry cells. Accepted on 3rd January 1970.

Comprising a hollow tubular plunger, terminal part, slits, die cell with constituent parts.

117925. British Insulated Callender's Cables Limited. Improvements in or relating to insulated electric cables. (3rd October 1967). Accepted on 7th January 1970.

Tape around the core is carrying on its major surface a coating of an adhesive which is effective and permanently tacky at all temperatures during manufacture under normal operating condition.

118041. Armyansky nauchno-issledovatel'sky Institut Energetiki. Network analyzer. Accepted on 7th January 1970.

Memory device for intermediate solutions is connected to the model network through a conversion unit, while the generator simulation unit is connected to the memory device so that it solves the equations of all generators in turn.

118352. A. R. Gardner. Improvements in or relating to cookers. Accepted on 3rd January 1970.

In combination (i) a mild steel plate bent into the form of a flat U having vertical flanges lengthwise thereof, (ii) a chain conveyor along and around the flat U, (iii) an electric motor or like means for driving the chain conveyor fitted at one end of the steel plate, (iv) a heater for generating heat for effecting the cooking of the items to be cooked fitted at the opposite end of the mild steel plate.

118358. Farbenfabriken Bayer Aktiengesellschaft. A process for improving the stability of cis-1, 4-polyisoprene vulcanisates. Accepted on 3rd January 1970.

Inactivating a solution of polyisoprene in an organic solvent with a mixture comprising a lower aliphatic alcohol, a conventional stabiliser and a small quantity of an aliphatic or cycloaliphatic secondary amine.

118508. Societa Farmaceutici Italia. Isorenieratemes, process for the preparation thereof, and animal foodstuff containing the same. Accepted on 5th January, 1970.

In which strain of streptomyces mediolani is grown in medium containing assimilable sources of carbons and nitrogen.

118586. Caterpillar Tractor Co. Heavy duty track hinge joints. Accepted on 6th January 1970.

Comprising in combination a central bushing disposed for free rotation relative to the two links, bearing means associated with the inner track link end to permit pivotal motion about the pin and a pair of seal assemblies between outer and inner track link ends.

118621. The Upjohn Company. New aminoalkyl 2-(4-chloro-2-methylphenoxy) propionates and the acid addition and quaternary ammonium salts thereof, and herbicidal compositions containing the same. Accepted on 5th January 1970.

Comprising esterifying 2-(4-chloro-2-methylphenoxy) propionic acid.

119373. Danfoss A/S. Rotary seal, particularly for oil pumps. Accepted on 6th January 1970.

Sealing ring is positioned between a tapered surface on the face ring and a cylindrical surface of the machine part and is pressed against a resilient backing ring.

119406. The Wheelabrator Corporation. Machine and method for treatment of large vertical surfaces. Accepted on 2nd January 1970.

Comprising the steps of throwing the particulate material at high velocity against a defined area, establishing a sealing relationship between the means for throwing the particulate material and said surface about the defined area to confine the particulate material there between, shifting the defined area, allowing the particulate material to fall, and air washing said material.

119583. R. G. DePenning. Electrostatographic imaging process. Accepted on 3rd January 1970.

Forming an electrostatic latent image on reusable imaging surface, applying free-flowing xerographic developing material particles of toner and from 0.02% to about 20% of at least one solid,

- stable hydrophobic metal salt of a fatty acid, to the latent image, transferring toner image to a support, wiping the imaging surface.
119616. The General Tire & Rubber Company. Filament reinforced structural ply for a pneumatic tire. Accepted on 6th January 1970.
- The improvement wherein said reinforcement consists of a plurality of short discrete filaments said filaments being uniformly dispersed throughout the elastomeric matrix and oriented in a predetermined direction relative to said continuous lengths of cords.*
119623. Takeda Chemical Industries, Ltd. Alkali protease. Accepted on 6th January 1970.
- Comprises cultivating alkali protease producing micro-organism under aerobic culture conditions.*
119872. Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Production of expanded plastics. Accepted on 5th January 1970.
- Expansion is carried out in presence of from 0.0001 to 1% by weight of ammonium sulphate.*
119943. Gestetner Limited. Improvements relating to printing apparatus. (22nd February 1968). Accepted on 2nd January 1970.
- A printing apparatus relating particularly to an improved clamping device for securing an ink tube to printing apparatus, such as a stencil duplicator.*
120250. R. G. DePenning. A method of developing electrostatic latent images and apparatus therefor. Accepted on 6th January 1970.
- Providing electrostatic latent image on a vertical surface of an electrically insulating member, presenting a uniform electric field to the latent image and contacting said vertical surface with a free-falling two component developer material until a visible image is formed.*
120516. Ciba Limited. Pilferproof closure. Accepted on 6th January 1970.
- A process for capping a container and a container cap incorporating a pilferproof seal in the form of a security ring joined to an upper portion of the cap across a failure line so that part of the ring can be rolled onto an undercut section of the container neck.*
120542. Siemens Aktiengesellschaft. A combination including a shaft and a bushing surrounding it. Accepted on 2nd January 1970.
- A combination including a shaft and a bushing surrounding it, the bushing being split by one or more gaps extending along it and the parts of it on opposite sides of the gap or gaps being pressed against the shaft.*
120681. N. V. Philips Gloeilampenfabrieken. A stepwise rotatable flash light unit. Accepted on 3rd January 1970.
- With flash-light lamps grouped in few series to be successively flashed, a corresponding lamp of subsequent series provided near a lamp of first series, and means for coupling flash-light unit to a camera, and external current supply members for lamps, formed and arranged such that after use of a series of lamps the unit can be coupled to camera for flashing the subsequent series.*
120791. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for regenerating fluorination catalysts of the chromoxy-fluoride group. Accepted on 3rd January 1970.
- Comprising hydrogen fluoride is passed over the catalyst at 100°—600°C in an amount of at least 5 g. per litre of catalyst per hour.*
121262. F. B. Vazquez. Gripping and locking device. Accepted on 3rd January 1970.
- A gripping and locking device of simple economical construction embodying opposed gripping members and a locking member for urging one of the gripping members in the direction of the opposite gripping member, to firmly hold an object placed between the gripping member.*
121267. Midland-Ross Corporation. Car coupler. Accepted on 6th January 1970.
- A manually operable release mechanism for releasing the lock thereby permitting pivotal movement of the knuckle from the closed to the open position and an automatically operable release mechanism for releasing said lock.*
121409. Westinghouse Electric Corporation. A high voltage supply system for a high-voltage device. Accepted on 6th January 1970.
- Comprising a voltage multiplier circuit connected to secondary of output transformer, means for supplying high voltage output to high voltage electrode, voltage divider means connected to high voltage output for applying voltages to other electrodes, and oscillator means having its output coupled through amplifier means to the primary of output transformer.*
121610. J. Martin. Improvements in or relating to releasable locking mechanisms. (6th June 1968). Accepted on 3rd January 1970.
- A releasable locking mechanism for cables, wires, cords rods or the like and in particular a mechanism which after it is released may be used to activate a parachute ripcord.*
121745. The Dunlop Company Limited. Improvements in and relating to vehicle suspension systems. (29th June 1968). Accepted on 3rd January 1970.
- Load supporting body structure supported on three axle assemblies by means of four rigid lever members, each lever members, each lever member having a first end and a second end and each lever member is pivotally connected between its ends to the body structure so as to be capable of pivotal movement about a horizontal axis with respect to the vertical body.*
121833. Clayton Dewandre Company Limited. Improvements in or relating to fluid pressure operated braking systems. Accepted on 6th January 1970.
- A fluid operated braking system having damper means operable to limit the rate of movement of the hand lever in its actuation of a on-off valve such that a lock actuator is fully exhausted before the lever can move to exhaust the brake actuator.*
122094. The Bahnson Company. Automatic air cleaning and filtering apparatus. Accepted on 6th January 1970.
- A rotatable substantially cylindrical filter drum, means supporting said drum for rotation about a substantially horizontal axis of rotation, means for rotating the filter drum and means for cleaning accumulated contaminants from said interior surface and transferring them to a selected suction collection zone including a travelling blower and blower control means activating said blower.*
122101. FMC Corporation. Double counterbalanced marine loading arm. Accepted on 3rd January 1970.
- A double counterbalanced marine loading arm for transferring fluid, such as petroleum or petroleum products, between a wharf and a marine tanker, having replaceable swivel joint packings and pantographs/heave and cable linkage systems between the secondary counterweight and the outboard arm section.*
122412. Hindustan Lever Limited. Process for preparing lactic spread. (26th July 1968). Accepted on 3rd January 1970.
- Incubating aqueous dispersion of milk protein and lactose with thermobacteria until the pH is 4.8—5.4 pasteurising the product and pasteurised emulsion is cooled.*

129803. N. V. Hollandsche Draad-en Kabelfabriek. Improvements in the method and apparatus for foaming material in a porous foamed mass. (13th December 1967). [Addition to No. 115290]. [Divisional date 4th April 1968]. Accepted on 3rd January 1970.

Improvement of the method of application No. 115290 comprising a sensor device to sense the movement of web relative to the axial movement of the draw rollers and adjusting the inclination of draw roller accordingly.

124476. American Cyanamid Company. Novel bis-N-phosphorlated compounds, methods for their preparation and compositions containing same [Divisional date 18th March 1968]. Accepted on 18th December 1969.

Comprises reacting an isothiocyanate with an alkali metal hydrosulfide followed by treating the product with bis-chloromethyl ether.

Opposition Proceedings

Upon amendment of the application and specification by the applicants, the opposition entered by Bombay Chemicals Private Ltd. to the grant of a patent on application No. 103843 made by Sumitomo Chemical Company Ltd., as notified in Part III, Section 2 of the Gazette of India, dated the 23rd March, 1968, has been treated as withdrawn.

Correction of Clerical Errors

(1)

Under Section 62 of the Indian Patents and Designs Act, 1911, certain clerical errors occurring in the specification of patent application No. 102853 was corrected on 3rd January 1970.

Correction of Clerical Errors

(2)

Under Section 62 of the Indian Patents and Designs Act, 1911, certain clerical errors occurring in the specification of patent No. 107941 was corrected on 3rd January 1970.

Patents Sealed

92848. 97927. 102120. 102883. 104256. 104627. 104739. 105341. 105921. 105947. 105979. 109931. 110201. 111001. 111133. 111134. 111173. 111222. 111722. 111925. 111976. 112058. 112151. 112179. 112192. 112228. 112232. 112269. 112330. 112331. 112370. 112580. 112721. 112811. 113007. 113044. 113098. 113154. 113202. 113280. 113376. 113378. 113409. 113414. 113440. 113497. 113498. 113506. 113560. 113592. 113600. 113622. 113760. 113771. 113786. 113819. 113857. 113988. 114019. 114059. 114250. 114251. 114619. 114646. 114651. 114917. 115053. 115059. 115070. 115092. 115209. 115218. 115244. 115247. 115393. 115417. 115624. 115625. 115884. 115928. 116063. 116181. 116302. 116471. 116555. 116777. 116828. 116841. 116846. 116936. 117005. 117196. 117504. 117636. 117977. 118114. 118149. 118150. 118169.

REGISTRATION OF ASSIGNMENTS, LICENCES, ETC. (PATENTS)

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests:—

55842 } M/s. Yoshida Kogyo Kabushiki Kaisha.
72328 }

101334 — Council of Scientific and Industrial Research.

104796 } M/s. Congoleum Industries, Inc.
111290 }

100154 — M/s. Shell Internationale Research Maatschappij N. V.

75345 } M/s. Societe Berri-Balzac S. A.
75555 }

102918 — M/s. Metal Containers Limited.

Renewal Fees Paid

53491. 53504. 53578. 53613. 53746. 53764. 53802. 55989. 56427. 56431. 56512. 56743. 56812. 56813. 56930. 57233. 58339. 59433. 59521. 59571. 59579. 59595. 59625. 59686. 59720. 59742. 59751. 59758. 59774. 60384. 62968. 63015. 63029. 63035. 63066. 63067. 63095. 63175. 63176. 63181. 63261. 63262. 63340. 63341. 63342. 63343. 63476. 63523. 63587. 63791. 64386. 66225. 66299. 66300. 66301. 66302. 66303. 66304. 66399. 66470. 66506. 66516. 66595. 66613. 66615. 66622. 66630. 66649. 66662. 66679. 66694. 66779. 66786. 66792. 66841. 66870. 67014. 67104. 67167. 67414. 68459. 70307. 70337. 70348. 70402. 70433. 70496. 70579. 70587. 70603. 70609. 70623. 70649. 70658. 70699. 70732. 70733. 70846. 70865. 70898. 70928. 71028. 71109. 71127. 71271. 71444. 71668. 71669. 72372. 72502. 72965. 73041. 73321. 74767. 74787. 74830. 74896. 74920. 74972. 74981. 74982. 75135. 75139. 75173. 75205. 75228. 75233. 75235. 75290. 75291. 75408. 75409. 75410. 75483. 75499. 75550. 75553. 75554. 75636. 75778. 75783. 75784. 75907. 76593. 76807. 76891. 78167. 79860. 80046. 80090. 80101. 80142. 80192. 80211. 80212. 80260. 80265. 80266. 80288. 80300. 80339. 80540. 80573. 80592. 80609. 80619. 80661. 80663. 80689. 80701. 80703. 80720. 80727. 80749. 80756. 80794. 80811. 80835. 80932. 80947. 80961. 80972. 81022. 81186. 81279. 81325. 81348. 81366. 81397. 81484. 81545. 81546. 82740. 85782. 85833. 85865. 85866. 85921. 85956. 85985. 85986. 86002. 86057. 86073. 86079. 86090. 86094. 86099. 86130. 86162. 86171. 86210. 86240. 86290. 86319. 86329. 86337. 86340. 86343. 86346. 86369. 86371. 86389. 86390. 86403. 86404. 86410. 86458. 86466. 86540. 86594. 86628. 86670. 86675. 86682. 86694. 86745. 86807. 86851. 86904. 87003. 87010. 87062. 87087. 87112. 87113. 87128. 87203. 87673. 90228. 91287. 91653. 91654. 91655. 91675. 91702. 91901. 91902. 91940. 91958. 91964. 91984. 91991. 92003. 92004. 92041. 92064. 92079. 92093. 92125. 92153. 92158. 92186. 92232. 92237. 92245. 92280. 92281. 92283. 92294. 92296. 92297. 92304. 92344. 92373. 92374. 92375. 92377. 92378. 92408. 92428. 92470. 92491. 92492. 92527. 92571. 92585. 92599. 92627. 92714. 92720. 92764. 92885. 92993. 92994. 93114. 94328. 95334. 95335. 95451. 97329. 97346. 97365. 97385. 97389. 97419. 97457. 97464. 97474. 97420. 97579. 97637. 97668. 97687. 97697. 97702. 97720. 97732. 97774. 97776. 97783. 97800. 97808. 97815. 97832. 97890. 97903. 97906. 97934. 97936. 97987. 97991. 98052. 98067. 98083. 98092. 98099. 98166. 98167. 98172. 98176. 98189. 98196. 98284. 98287. 98306. 98353. 98487. 98541. 98663. 101639. 101640. 101641. 101945. 102328. 102439. 102593. 102701. 103165. 103177. 103279. 103281. 103282. 103301. 103333. 103335. 103346. 103376. 103377. 103381. 103439. 103447. 103474. 103486. 103487. 103517. 103542. 103552. 103559. 103573. 103588. 103591. 103596. 103601. 103608. 103615. 103620. 103662. 103671. 103672. 103673. 103674. 103676. 103677. 103678. 103679. 103687. 103688. 103701. 103705. 103720. 103771. 103796. 103819. 103834. 103835. 103919. 103920. 103930. 103957. 103958. 103988. 104026. 104087. 104106. 104113. 104133. 104428. 104452. 104461. 104510. 104577. 104578. 105599. 108021. 108297. 108866. 108909. 109066. 109071. 109155. 109222. 109417. 109573. 110125. 112349.

Restoration Proceedings

(1)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent :—

No. 58583—Rudolf Arthur Cole & Kalyan Kumar Nag.

The patent ceased on the 6th October 1964, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India, dated the 23rd January 1965. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933 at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 7th March 1970.

(2)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent :—

No. 60434—Rudolf Arthur Cole and Kalyan Kumar Nag.

The patent ceased on the 9th May 1963, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India, dated the 31st August 1963. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933 at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 7th March 1970.

(3)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent :—

No. 60496—R. A. Cole Private Limited.

The patent ceased on the 14th May 1963, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India, dated the 7th September 1963. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933 at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 7th March 1970.

(4)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent :—

No. 83455—Shri Dhar.

The patent ceased on the 22nd July 1966, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India dated the 6th December 1969. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933 at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 7th March 1970.

(5)

Notice is hereby given that an application has been made under Section 16 of the Indian Patents and Designs Act, 1911 for the restoration of following patent :—

No. 98042—Simac Group (India) Private Limited.

The patent ceased on the 22nd February 1969, owing to non-payment of renewal fee within the prescribed time and cessation of the patent was notified in Part III, Section 2 of the Gazette of India dated the 15th November 1969. Any person may give notice of opposition to the restoration by leaving an application on Form 6 of the Indian Patents and Designs Rules, 1933 at the Patent Office, 214, Lower Circular Road, Calcutta-17, on or before the 7th March 1970.

Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act.

Class 1. Nos. 136308 to 136310. Om Parkash Sabharwal, Indian National, Sabharwal Surgical Stores, Bhagirath Palace, Chandni Chowk, Delhi-6 (India), "Stethoscope", August 11, 1969.

Class 1. No. 136635. Rustam Chand Oberoi, Trading as Gulzari Lal & Brothers, 33, Khurshid Market, Sadar Bazar, Delhi-6, Indian National, "Knife", October 28, 1969.

Class 3. No. 136421. Murphy India Limited, an Indian Company existing under the Companies Act, 1956 having registered office at Shirodkar Road, Bombay-12, State of Maharashtra, India, "Radio cabinets cum transistor cases", September 8, 1969.

Class 3. No. 136489. Vispar Enterprises, 11, Pollock Street, 7th Floor, Calcutta 1, West Bengal, India, an Indian Partnership Firm, "A torch", September 17, 1969.

Class 3. No. 136494. Johnny Christopher Fernandes and Nelson Edward Fernandes, Both being Indian Citizen and residing at:—49, Chumi, Khar, Bombay-59, Maharashtra, India, "A washer", September 20, 1969.

Class 3. Nos. 136614 to 136616. Geep Flashlight Industries Limited, 28, South Road, Allahabad-1, U.P., India, an Indian Company, "A torch", October 25, 1969.

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Design Nos. 123840, 122614, 119390, 119391, 119392, 119393, 124549, 123898, 122224, 122225, 122226 and 121759 Class-1.

Design Nos. 119588, 119804, 125716, 126104, 122715, 122272, 119014, 119015, 125415, 120210, 122223, 122639, 122640, 122846 and 124122 Class-3.

Design Nos. 122222, 120964, 122855, 123240, 123241, 123242 and 124822 Class-4.

Design Nos. 124371, 126894, 120484, Class-5.

Design No. 122847 Class-10.

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Design No. 97686 Class-3.

Design No. 100549 Class-10.

REGISTRATION OF ASSIGNMENTS, LICENCES, ETC. (DESIGNS)

Assignments, licences or other transaction affecting the interest of the original proprietors have been registered in the following cases. The number of each case is followed by the names of the applicants for registration :—

129573—Mr. Zaffar Hussain.

90015—Sri Rambhai Patel.

134274—Mrs. Kusum Midha.

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| Sethi, A. S.—124599. | Thaker, G. S.—124555. |
| Sharma, B. K. R. R.—124401. | Thomas, E.P.D.—124662. |
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| Solvay Et Cie.—124254, 124425. | |
| Sonpar, A. K.—124490. | V |
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| Soroko, S. N.—124329. | Veb Chemiefaserkombinat Wilhelm-Pieck-Stadt Guben.—124460. |
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| | Xavier, K. K.—124320. |
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| | Zaidan Hojin Biseibutsu Kagaku Kenkyu Kai.—124457. |
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